

Listing of Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1. - 24. (Cancelled)

25. (Currently Amended) A software program for a medical imaging workstation, comprising:

an allocation protocol ~~that may be used~~ adapted to move a graphical element ~~from~~ being displayed on a first display ~~With~~ with a first resolution to a second display with a second resolution that is different than the first resolution; and

a data scaling portion that dynamically scales a moved graphical element such that when the graphical element is moved, the graphical element appears unchanged.

26. (Original) The software program of claim 25, wherein dynamically scaling the moved graphical element comprises changing a number of pixels used to display the graphical element.

27. (Original) The software program of claim 26, wherein a scaling factor is used to determine the number of pixels used to display the image on the second display.

28. (Original) The software program of claim 27, wherein the moved graphical element is plotted in a virtual space, and the scaling factor is based on the plot of the graphical element.

29. (Original) The software program of claim 25, further comprising a display protocol that allows a high resolution display to display a graphical element in high resolution and a color display to display a graphical element in a resolution appropriate for the color display at a same time.

30. (Original) The software protocol of claim 25, wherein the allocation protocol is adapted to allow a graphical element to be dragged from the first display to the second display.

31. (Original) The software program of claim 25, further comprising a hardware identification protocol that is configured to identify a type of display connected to the workstation for which the software program is operating, wherein the allocation protocol allocates graphical elements to be displayed based on the type of display identified by the hardware identification protocol.

32. (Original) The software program of claim 31, further comprising a network communication manager configured to facilitate a transfer of a medical image, acquired by a medical imaging device, from a storage device located on a network.

33. (Original) The software program of claim 25, further comprising a display protocol that allows a high resolution display to display a graphical element in high resolution and a low resolution display to display a graphical element in low resolution at a same time.

34. (Original) The software program of claim 33, further comprising a display protocol that allows a high resolution display to display a graphical element on a display having more pixels vertically than horizontally and a second display to display a graphical element on a display having more pixels horizontally than vertically at a same time.

35. (Currently Amended) A workstation for a local image display system of a medical imaging system, comprising:

a processing circuit configured to:

simultaneously display graphical elements of medical images scaled to a high resolution on a high resolution display and graphical elements scaled to a low resolution on a low resolution display; and

rescale graphical elements moved between the high resolution display and the low resolution display such that the graphical element appears unchanged; and
a high resolution monitor output connected to the processing circuit; and
a low resolution monitor output connected to the processing circuit.

36. (Original) The system of claim 35, wherein the processing circuit comprises a microprocessor running a software program, the software program being adapted to simultaneously display graphical elements scaled to a high resolution on the high resolution display and graphical elements scaled to a low resolution on the low resolution display, and to rescale images moved from the high resolution display to the low resolution display.

37. (Original) The system of claim 35, wherein the processing circuit is further configured to allocate medical images based on a type of monitor for which the medical images are best suited.

38. (Original) The system of claim 37, wherein the processing circuit is configured to allocate color medical images in a stack synch to a color display and high resolution images in a stack synch to a high resolution display.

39. (Original) The system of claim 35, wherein the processing circuit is configured to allocate all non-medical-image data to allow resolution color display if no color medical images are being displayed on the low resolution color display.

40. (Original) The system of claim 35, wherein rescaling a graphical element moved between the high resolution display and the low resolutions display comprises changing a number of pixels used to display the graphical element.

41. (Original) The system of claim 35, wherein;
the processing circuit is further configured to allocate a graphical element to a high resolution display or a low resolution display; and
a different number of pixels would be used to display the graphical element on the high resolution display than the low resolution display.

42. (New) A workstation for a local image display system of a medical imaging system, comprising:

a processing circuit configured to:

simultaneously display graphical elements of medical images scaled to a high resolution on a high resolution display and graphical elements scaled to a low resolution on a low resolution display; and

rescale graphical elements moved between the high resolution display and the low resolution display; and

a high resolution monitor output connected to the processing circuit; and

a low resolution monitor output connected to the processing circuit;

wherein the processing circuit is configured to allocate all non-medical image data to allow resolution color display if no color medical images are being displayed on the low resolution color display.